BRUHAT BANGALORE MAHANAGARA PALIKE

Date of Measurement:- 10.10.2020

SECOND AND FINAL BILL

Name of Work:- Construction of RCC drains and culverts at Amba Bhavani layout, Chowdappa layout and surrounding area in ward no: 03 Yelahanka satellite Town Sub division

Item No:	1									
Item Name:	KSRRB300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.									
SLNO	**CHAINAGE** / **Land Mark**		**NO**	**L (m)**	**B (m)**	**D (m)**	**QTY**	**unit**	**Rate**	**Amount**
	For RCC DRAIN									
	12th Cross Rd LHS(From Main Rd)									
	0.00	30.00	1	30.00	1.10	0.90	29.70			
	30.00	52.50	1	22.50	1.10	0.90	22.28			
	12th Cross Rd RHS(From Main Rd)									
	0.00	30.00	1	30.00	1.10	0.90	29.70			
	30.00	46.20	1	16.20	1.10	0.90	16.04			
						Total Qty Work Done	**97.71**			
						Qty Payable in this bill	**92.11**			
						Qty Considered	**92.11**	**Cum**		
						Qty Paid in 1st Bill	**2234.49**	**Cum**		
						Total Qty	**2326.60**	**Cum**		
						Deduct Qty Paid in 1st Bill	**2234.49**	**Cum**		
						Present Qty	**92.11**	**Cum**		

Contractor

Assistant Engineer
Ward-3
10.10.2020

Project Management Consultants

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division
10/10/2020

BRUHAT BANGALORE MAHANAGARA PALIKE

Date of Measurement:- 17.10.2020

SECOND AND FINAL BILL

Name of Work:- Construction of RCC drains and culverts at Amba Bhavani layout, Chowdappa layout and surrounding area in ward no: 03 Yelahanka satellite Town Sub division

Item No:	2
Item Name:	KSRRB M2900-1. **Plain cement concrete M10** mix with crushed stone aggregate 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing including cost of materials, labour, HOM complete as per the specification

SLNO	CHAINAGE		NO	L	B	D	QTY	unit	Rate	Amount
	Land Mark			(m)	(m)	(m)				
For RCC DRAIN										
12th Cross Rd LHS(From Main Rd)										
	0.00	30.00	1	30.00	1.10	0.15	4.95	CUM		
	30.00	52.50	1	22.50	1.10	0.15	3.71			
12th Cross Rd RHS(From Main Rd)										
	0.00	30.00	1	30.00	1.10	0.15	4.95			
	30.00	46.20	1	16.20	1.10	0.15	2.67			
Total Qty Work Done							**16.29**			
Qty Payable in this bill							**15.18**			
Qty Considered							**15.18**	**Cum**		
Qty Paid in 1st Bill							**381.45**	**Cum**		
Total Qty							**396.63**	**Cum**		
Deduct Qty Paid in 1st Bill							**381.45**	**Cum**		
Present Qty							**15.18**	**Cum**		

VSR CIVIL INFRA PVT. LTD. BANGALORE

Contractor

Project Management Consultants

Assistant Engineer
Ward-3
17.10.2020

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17/10/2020

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Date of Measurement- 18/9/2020

SECOND AND FINAL BILL

Name of Work:- Construction of RCC drains and culverts at Amba Bhavani layout, Chowdappa layout and surrounding area in ward no: 03 Yelahanka satellite Town Sub division

3	

KSRRB M2200-6. Providing **TMT Bars Fe 500 steel reinforcement for R.C.C.** work including straightening, cutting, bending, hooking, placing in postion, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.

Dia of Bar in mm	Side	Spacing of Bar	Nos	Length of Bar in mtr	Total Length of Bar in mtr	Type of Bar	Standard Weight per Meter in kgs	Weight of Steel in kgs	Unit	Rate	Amount
For RCC Drain											
12th Cross Rd LHS(From Main Rd)											
8	1	140mm C/C	15	52.50	787.50	Distribution	0.40	311.11			
10	1	100mm C/C	525	2.10	1102.50	Main Bar	0.62	680.56			
12th Cross Rd RHS(From Main Rd)											
8	1	140mm C/C	16	46.20	742.50	Distribution	0.40	293.33			
10	1	100mm C/C	462	2.25	1039.50	Main Bar	0.62	641.67			
Total Quantity of Steel in Kg's for RCC Drain only								1926.7			
Total Quantity of Steel in Kg's								1926.7	kgs		
Total Quantity of Steel in Tonne's								1.93			
Qty Payable in this bill								1.82			
Qty Considered								1.82	Tonnes		
Qty Paid in 1st Bill								45.67	Tonnes		
Total Qty								47.49	Tonnes		
Deduct Qty Paid in 1st Bill								45.67	Tonnes		
Present Qty								1.82	Tonnes		

CWC

Contractor

Assistant Engineer
Ward-3

18.10.2020

Project Management Consultants

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ಜ.ಬ.ಪಾ.ಪ. ಬೆಂಗಳೂರು-56

Asst Executive Engineer
Yelahanka Satellite Town Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Date of Measurement:- 12/11/2020

SECOND AND FINAL BILL

Name of Work:- Construction of RCC drains and culverts at Amba Bhavani layout, Chowdappa layout and surrounding area in ward no: 03 Yelahanka satellite Town Sub division

Item No:	4	
Item Name:	Providing and laying plain/reinforced cement concrete for side **drains wall & bottom** thickness 15cm using **M20** nominal mix concrete with OPC at 300 kgs with 29mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregate at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications.	

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit	Rate	Amount
	For RCC DRAIN RAFT									
	12th Cross Rd LHS(From Main Rd)									
	0.00	30.00	1	30.00	1.00	0.15	4.50			
	30.00	52.50	1	22.50	1.00	0.15	3.38			
	12th Cross Rd RHS(From Main Rd)									
	0.00	30.00	1	30.00	1.00	0.15	4.50			
	30.00	46.20	1	16.20	1.00	0.15	2.43			
	For RCC DRAIN WALL									
	12th Cross Rd LHS(From Main Rd)									
	0.00	30.00	2	30.00	0.15	0.60	5.40			
	30.00	52.50	2	22.50	0.15	0.60	4.05			
	12th Cross Rd RHS(From Main Rd)									
	0.00	30.00	2	30.00	0.15	0.60	5.40			
	30.00	46.20	2	16.20	0.15	0.60	2.92			
						Total Qty Work Done	32.57			
						Qty Payable in this bill	30.59			
						Qty Considered	30.59	Cum		
						Qty Paid in 1st Bill	229.89	Cum		
						Total Qty	260.48	Cum		
						Deduct Qty Paid in 1st Bill	229.89	Cum		
						Present Qty	30.59	Cum		

C&FC

Contractor

Assistant Engineer
Ward-3
18.11.2020

Project Management Consultants

SR CIVIL INFRA P LTD BANGALORE

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ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-106
18/11/2020
Assistant Executive Engineer
Yelahanka Satellite Town Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Date of Measurement:- 25/11/2020

SECOND AND FINAL BILL

Name of Work:- Construction of RCC drains and culverts at Amba Bhavani layout, Chowdappa layout and surrounding area in ward no: 03 Yelahanka satellite Town Sub division

Item No:	1								
Item Name:	KSRRB300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.								
SLNO	**CHAINAGE / Land Mark**	**NO**	**L (m)**	**B (m)**	**D (m)**	**QTY**	**unit**	**Rate**	**Amount**
Vide Premeasurement page no.						92.11			
					Present Qty	**92.11**	**Cum**	**211.79**	**19509.00**

Item No:	2								
Item Name:	KSRRB M2900-1. Plain cement concrete M10 mix with crushed stone aggregate 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing including cost of materials, labour, HOM complete as per the specification								
SLNO	**CHAINAGE / Land Mark**	**NO**	**L (m)**	**B (m)**	**D (m)**	**QTY**	**unit**	**Rate**	**Amount**
Vide Premeasurement page no.						15.18			
					Present Qty	**15.18**	**Cum**	**4479.56**	**68006.00**

Item No:	3								
Item Name:	KSRRB M2200-6. Providing TMT Bars Fe 500 steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in postion, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not								
SLNO	**CHAINAGE / Land Mark**	**NO**	**L (m)**	**B (m)**	**D (m)**	**QTY**	**unit**	**Rate**	**Amount**
Vide Premeasurement page no.						1.82			
					Present Qty	**1.82**	**Ton**	**72326.98**	**131720.00**

Item No:	4								
Item Name:	Providing and laying plain/reinforced cement concrete for side drains wall & bottom thickness 15cm using M20 nominal mix concrete with OPC at 300 kgs with 29mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregate at 0.43 cum								
SLNO	**CHAINAGE / Land Mark**	**NO**	**L (m)**	**B (m)**	**D (m)**	**QTY**	**unit**	**Rate**	**Amount**
Vide Premeasurement page no.						30.59			
					Present Qty	**30.59**	**Ton**	**7070.20**	**216309.00**

Contractor

Assistant Engineer
Ward-3
25.11.2020

Project Management Consultants

R. CIVIL INFRA P. LTD. BANGALORE

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25/11/2020

Asst.Executive Engineer
Yelahanka Satellite Town Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Date of Measurement:- 25/11/2020

SECOND AND FINAL BILL

Name of Work:- Construction of RCC drains and culverts at Amba Bhavani layout, Chowdappa layout and surrounding area in ward no: 03 Yelahanka satellite Town Sub division

5	

Supplying and fixing precast reinforced concrete slab 10cm thick of mix M20 using 20mm and downsize graded granite metal using reinforcement 10mm dia steel at 150mm C/c both ways cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges , labour charges inclusive of cost of cost of all materials (data Rate enclosed)

CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit	Rate	Amount
For RCC DRAIN									
12th Cross Rd LHS(From Main Rd)									
0.00	30.00	1	30.00	0.90	-	27.00			
30.00	52.50	1	22.50	0.90	-	20.25			
12th Cross Rd RHS(From Main Rd)									
0.00	30.00	1	30.00	0.90	-	27.00			
30.00	46.20	1	16.20	0.90	-	14.58			
					Total Qty Work Done	88.83			
					Qty Payable in this bill	82.80			
					Qty Considered	82.80	Sqm		
					Qty Paid in 1st Bill	381.45	Sqm		
					Total Qty	464.25	Sqm		
					Deduct Qty Paid in 1st Bill	381.45	Sqm		
					Present Qty	82.80	Sqm	2337.00	193504.00
						SUB TOTAL			629048.00
						GST 12%			75486.00
						KRIDL 4%			25162.00
						GRAND TOTAL			729696.00

VSR CIVIL INFRA PVT. LTD. BANGALORE

Contractor

Assistant Engineer
Ward-3
25-11-2020

Project Management Consultants

C&FC

Asst.Executive Engineer
Yelahanka Satellite Town Sub Division